PRODUCT-DETAILS

# OT1250E03

## OT1250E03 SWITCH-DISCONNECTOR



### General Information

| | |
|---|---|
| Extended Product Type | OT1250E03 |
| Product ID | 1SCA022860R5510 |
| EAN | 6417019309262 |
| Catalog Description | OT1250E03 SWITCH-DISCONNECTOR |
| Long Description | 3-pole, front operated, base mounted switch-diconnector, handle and shaft are not included, terminal bolt kit included |

### ABB EcoSolutions

| | |
|---|---|
| End of Life Instructions | 1SCC301120M0201 |
| Environmental Information | 1SCC301233D0201 |
| Environmental Product Declaration - EPD | 1SCC301300D0201 |

### Material Compliance

| | |
|---|---|
| Conflict Minerals | 9AKK108467A5658 |

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| | |
|---|---|
| Reporting Template (CMRT) | |
| REACH Declaration | 1SCC011021D0201 |
| RoHS Information | 1SCC011020D0201 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA | 1SCC011025D0201 |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SCC301020C0201 |
| Instructions and Manuals | 1SCC301047M0213 |
| Mechanical Drawings | 1SCC301492F0001<br>1SCC301491F0001<br>OT1250E03.igs |
| Environmental Product Declaration - EPD | 1SCC301300D0201 |
| End of Life Instructions | 1SCC301120M0201 |

## Environmental

| | |
|---|---|
| Degree of Protection | Front IP00 |
| Environmental Information | 1SCC301233D0201 |
| Pollution Degree | 3 |

## Ordering

| | |
|---|---|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85365080 |
| Country of Origin | Finland (FI) |

## Dimensions

| | |
|---|---|
| Product Net Width | 334.5 mm |
| Product Net Height | 306 mm |
| Product Net Depth / Length | 145.5 mm |
| Product Net Weight | 14.7 kg |

## Container Information

| | |
|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 400 mm |
| Package Level 1 Depth / Length | 435 mm |
| Package Level 1 Height | 170 mm |
| Package Level 1 Gross Weight | 16 kg |
| Package Level 1 EAN | 6417019309262 |

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## Technical

| | |
|---|---|
| Conventional Free-air Thermal Current ($I_{th}$) | Θ = 40 °C 1250 A |
| Conventional Thermal Current ($I_{the}$) | Fully Enclosed 1250 A |
| Degree of Protection | Front IP00 |
| Distance Between Phases | Standard |
| Handle Type | Handle and shaft not included |
| Lock Type | No |
| Mechanical Durability | 6000 |
| Mounting Type | Base mounting |
| Number of Poles | 3P |
| Operating Mode | Front operated |
| Pollution Degree | 3 |
| Position of Line Terminals | Top In - Bottom Out<br>Bottom In - Top Out |
| Power Loss | at Rated Operating Conditions per Pole 29 W |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 12 kV |
| Rated Insulation Voltage ($U_i$) | acc. to IEC/EN 60664-1 1000 V |
| Rated Operational Current AC-21A ($I_e$) | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A |
| Rated Operational Current AC-22A ($I_e$) | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A |
| Rated Operational Current AC-23A ($I_e$) | (380 ... 415 V) 1250 A<br>(500 V) 1250 A<br>(690 V) 1250 A |
| Rated Operational Power AC-23A ($P_e$) | (400 ... 415 V) 710 kW<br>(500 V) 900 kW<br>(690 V) 1200 kW |
| Rated Operational Voltage | Main Circuit 1000 V |
| Rated Short-Circuit Making Capacity ($I_{cm}$) | (690 V) 110 kA |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 50 kA |
| Special Functions | No |
| Standards | IEC 60947-3 |
| Switches Operating Mechanism | Mechanism at the End of the Switch<br>03 (Left Side) |
| Terminal Type | Lug terminals |
| Tightening Torque | acc. IEC 60947-1 50 … 75 N·m |

## Technical UL/CSA

| | |
|---|---|
| Tightening Torque | acc. IEC 60947-1 50 … 75 N·m |

## Certificates and Declarations

| | |
|---|---|
| A2L Certificate – IEC | 1SCC301338D0201 |
| Declaration of | 1SCC301155D2704 |

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| | |
|---|---|
| Conformity - CE | |
| DNV GL Certificate | 1SCC301184D0203 |

## Classifications

| | |
|---|---|
| Object Classification Code | Q |
| ETIM 8 | EC000216 - Switch disconnector |
| ETIM 9 | EC000216 - Switch disconnector (low voltage) |
| UNSPSC | 39122233 |
| IDEA Granular Category Code (IGCC) | 5290 >> Disconnect switch |
| eClass | V11.1 : 27371403 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| E-Number (Finland) | 3661680 |
| E-Number (Norway) | 4372150 |

## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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